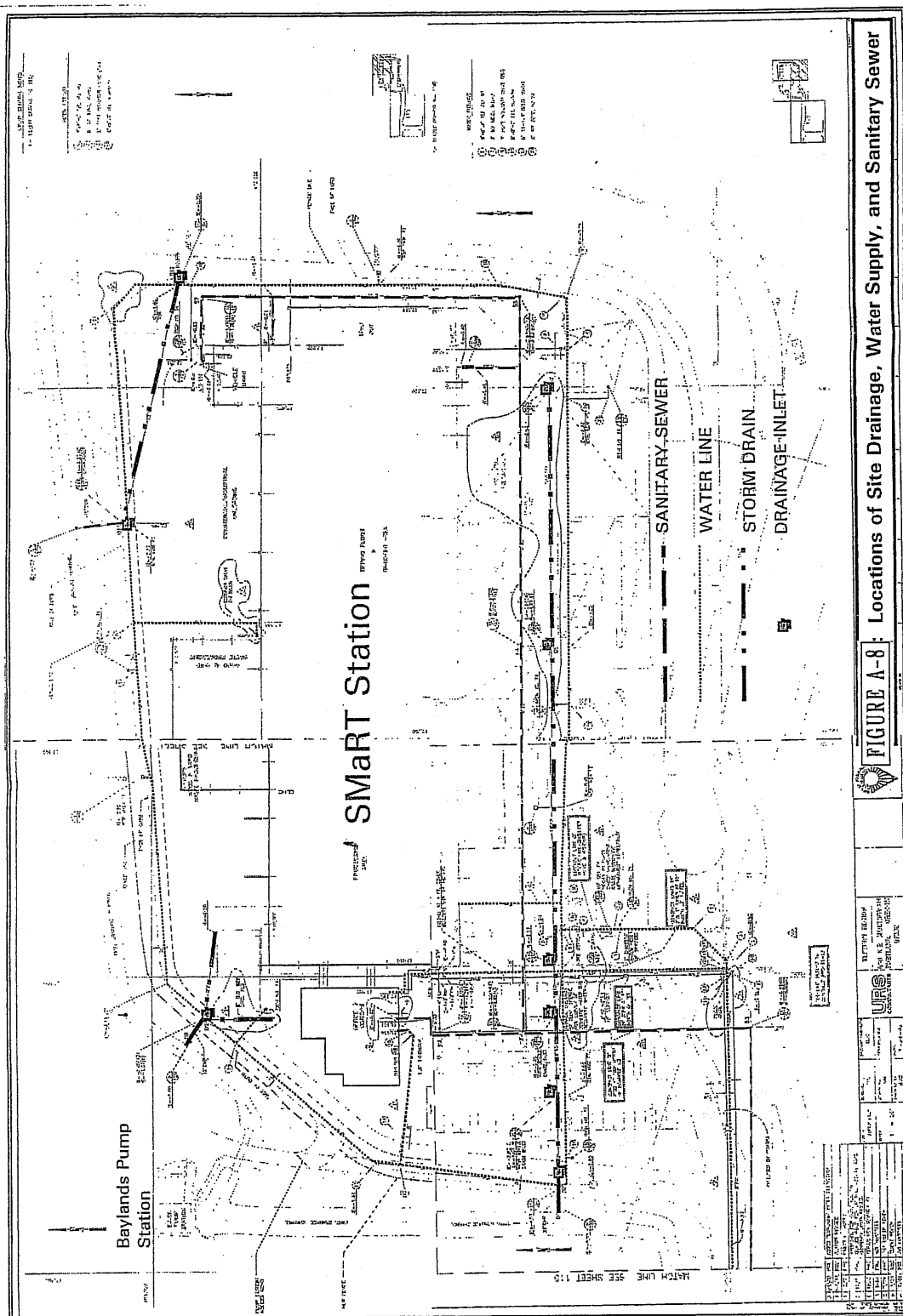


FIGURE A-8B

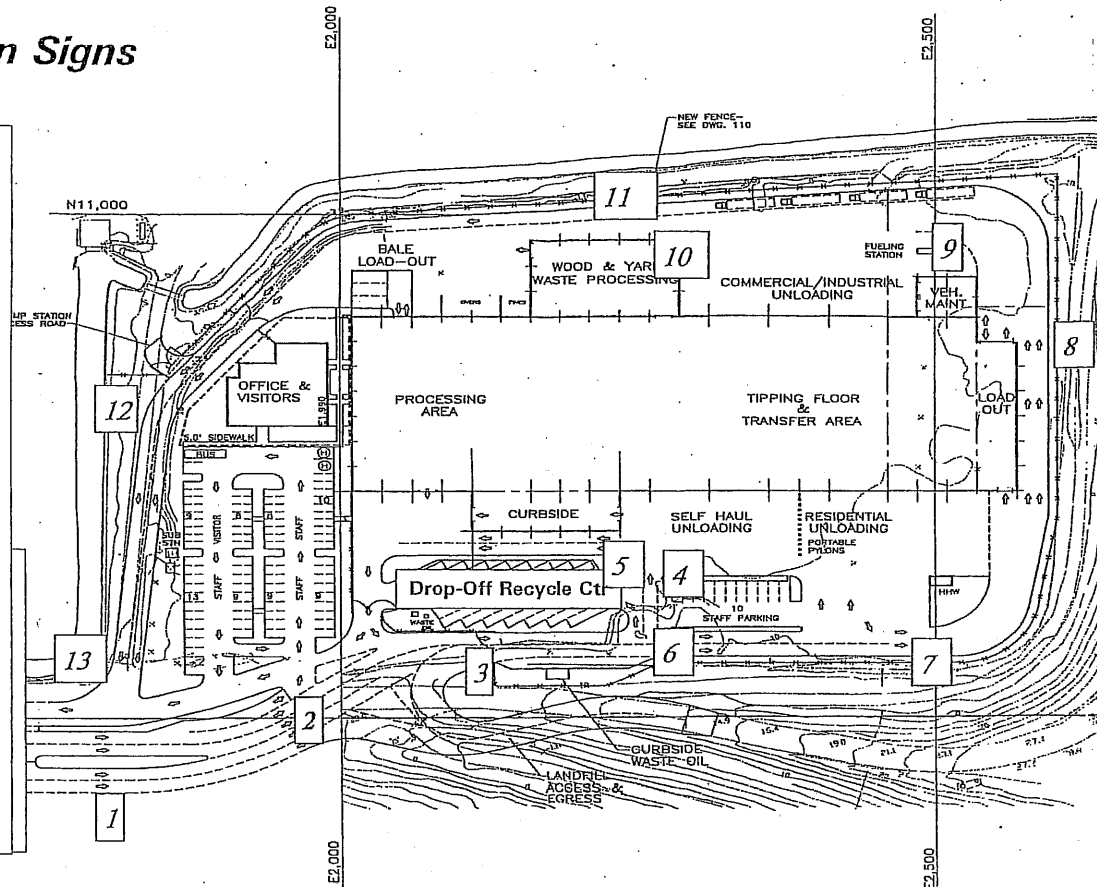
- Locations of Flood Protection Levees

Flood Protection Levees



SMaRT Station Signs

1. ↑ Concrete and Asphalt
↔ Refuse
2. Disposal Site
3. Public Haul
4. Public Haul
↔ Recycle
5. All Children Must Stay in Vehicle
No Smoking
No Salvaging
6. Exit One Way
7. Speed Limit 10
8. Yield to Transfer Trailers
9. Wood & Yard Waste
10. Speed Limit 10
11. Stop Your Motor - No Smoking
12. Exit Scale Right Lane
13. Stop - Right Turn Only



BUY-BACK CENTER RECYCLING BINS:

Scrap Metal
Scrap Aluminum
Tin Cans
Corrugated Cardboard (2)
Newspaper
Mixed Paper (2)
HDPE #2
PET #1
Plastics #3, #4, #5, #7
Plastics #6
Green Glass
Clear Glass
Brown Glass
Plastic Bags
Aluminum Cans

Special Containers:
Sharps
Used Motor Oil
Automotive Batteries
Rechargeable Batteries
Household Batteries
Fluorescent Tubes

Compost
Ground Yard Trimmings

FIGURE A-9

1	5/5/93	RWC	CLARKE REDESIGNED
2	10/9/93	RWC	ISSUED FOR RESPONSE PER-93-12
3	10/93	RWC	APPROVED FOR CONSTRUCTION
4	10/97	RWC	WAY WHITE & BALE LOAD-OUT RELOCATED
5	10/97	RWC	PRICE REDUCED - ISSUE FOR BID PER-93-13
6	9/91	RWC	ISSUED FOR ADDITION #1
7	9/91	RWC	CLIENT REVIEW PER-93-15
8	9/91	RWC	LANDFILL ACCESS/EGRESS & PARKING AREAS REVISED
9	9/91	RWC	NO PURPOSES
10	9/91	RWC	PARKING ENTRANCE HOLD FORNED REVIEW
11	7/17/91	RWC	COMPACTOR ADDITION / OWNER REVIEW
12	5/92	VOH	REVISED PARKING, BUYBACK & WOODWASTE AREAS
13	DATE	BY	REVISION

JOB No.	78783	DESIGNED BY	PROJECT ENGINEER
SCALE:	1" = 50'	DRAWN BY:	RWC
		VOH	APPROVED BY:
		CHECKED BY:	DATE:

URS
CONSULTANTS

WESTERN REGION
500 N.E. MULTNOMAH
PORTLAND OREGON
97232



CITY OF SUNNYVALE
CALIFORNIA

SMaRT STATION
SITE
GENERAL ARRANGEMENT

DRAWING NUMBER:

002

SHEET	1
100	
ISSUE	1

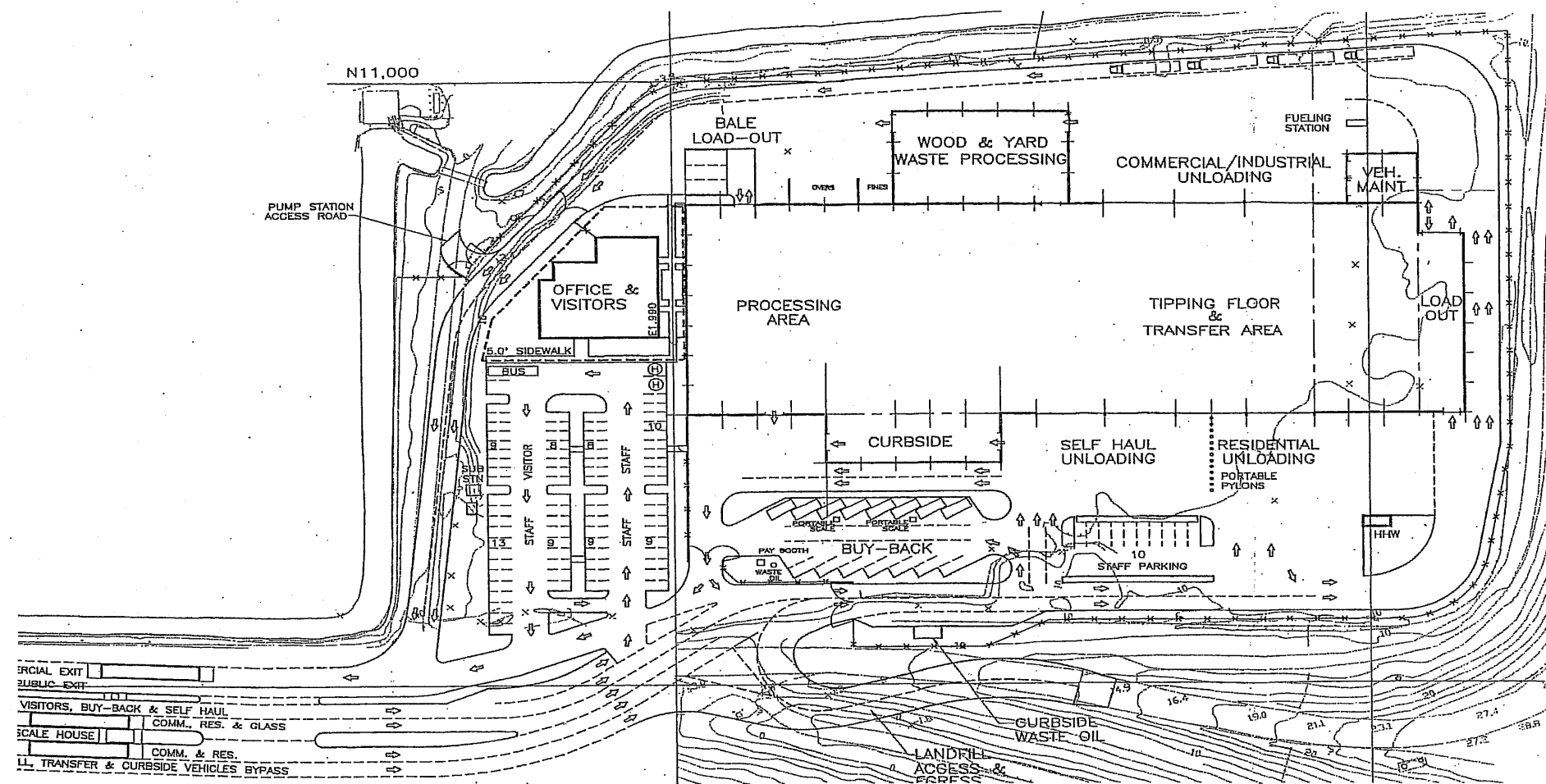
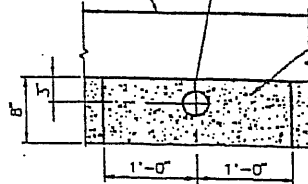


FIGURE A-10 DIAGRAM OF ON-SITE TRAFFIC CIRCULATION

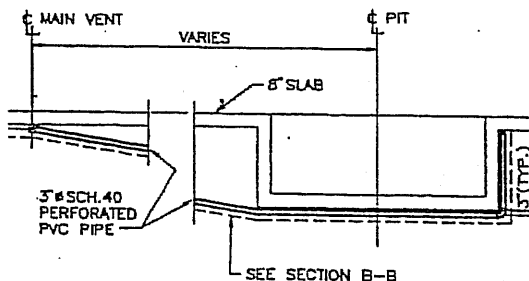
OFFICE & SCALEHOUSE
SLABS- 6" SLAB
PROCESSING BUILDING
SLAB- 6" SLAB

3" SCH. 40
PERFORATED
PVC PIPE
(MAIN VENT)

1 1/2" - 3/4"
CRUSHED ROCK
(NO FINES)



SECTION B - B
1" = 1'
(MAIN VENT)



SECTION C - C
1" = 5'

PUMP STATION
ACCESS ROAD

OFFICE &
VISITORS

N10,790

STUB OUT
THRU WALL

OUTLET

3" NON-PERFORATED
PVC RISER, VENT TO
3' ABOVE ROOF-
SIMILAR TO DET ①

INLET

OUTLET

N10,725

CURBSIDE
PIT-SEE
DWG 206

CAP EN

N10,500

③

LIMITS OF CITY OF SUNNYVALE
CONTRACT # PR-91-13 AS
PREPARED BY JE ENGINEERING

E2,000

N11,000

E2,000

DETAIL - 1
1" = 5'

3/3/93	RWC	ISLANDS REVISED
4/12/93	RWC	LINE DELETED & REROUTED FOR NEW PITS
2/2/93	RWC	STUB OUTS ADDED & LINE RELOCATED - ISSUED TO CONTRACTS PR-92-13 & 15
12/9/92	RWC	ISSUED FOR REFERENCE ONLY PR-92-13
11/5/92	RWC	APPROVED FOR CONSTRUCTION
10/5/92	RWC	WAY WASTE BLDG & BALE LOADOUT RELOCATED
10/3/92	RWC	ISSUED FOR ADDENDUM #1
9/14/92	RWC	INLET VENTS ADDED- BID PURPOSES
8/4/92	RWC	BID PURPOSES
8/21/92	RWC	OWNER REVIEW

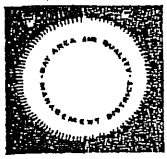
JOB No.	78783
SCALE:	1" = 50'

DESIGNED:	PROJECT ENGINEER:
DRAWN BY:	APPROVED BY:
CHECKED BY:	DATE:

URS CONSULTANTS	WESTERN 500 N.E. M PORTLAND 07
--------------------	---

APPENDIX B

**Bay Area Air Quality Management District
Permit to Operate**

**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

**PERMIT
TO OPERATE**

Plant# 5905

Page: 1

Expires: FEB 1, 2003

This document does not permit the holder to violate any District regulation or other law.

Mark Bowers
City of Sunnyvale/Public Works Dept
P O Box 3707
Sunnyvale, CA 94086

Location: Borregas Ave & Carl
Sunnyvale, CA 94086

S#	DESCRIPTION	[Schedule]	PAID
1	MISC-HDLG> Material handling, Solid waste - other/not spec Solid waste transfer station Abated by: A1 Unclassified Abatement Device	[F]	120
2	MISC-HDLG> Material handling, Wood - other/not spec Wood waste unloading Abated by: A2 Unclassified Abatement Device	[F]	120
3	MISC> Waste material grinding, Hogged wood, 11 tons/hr max Wood Shredder	[G1]	498
4	MISC-HDLG> Material handling, Hogged wood, 11 tons/hr max Conveyor Abated by: A5 Baghouse, Pulse Jet	[F]	120
5	MISC-HDLG> Storage, Hogged wood 2 Wood chip bunkers (feeding and loadout)	[F]	120
6	MISC-HDLG> Material handling, Hogged wood, 55 tons/hr max Screening, single deck shaker type Abated by: A5 Baghouse, Pulse Jet	[F]	120

6 Permit Sources, 0 Exempt Sources

*** See attached Permit Conditions ***

The operating parameters described above are based on information supplied by permit holder and may differ from the limits set forth in the attached conditions of the Permit to Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of District regulations subject to enforcement action.



**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

**PERMIT
TO OPERATE**

Plant# 5905

Page: 2

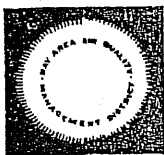
Expires: FEB 1, 2003

This document does not permit the holder to violate any District regulation or other law.

***** PERMIT CONDITIONS *****

=====

Source# 1	subject to Condition ID# 5367
Source# 2	subject to Condition ID# 5368
Source# 3	subject to Condition ID# 5369
Source# 5	subject to Condition ID# 5370
Source# 6	subject to Condition ID# 5371



**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-8000

**PERMIT
TO OPERATE**

Plant# 5905

Page: 3

Expires: FEB 1, 2003

This document does not permit the holder to violate any District regulation or other law.

***** PERMIT CONDITIONS *****

=====

CONDITION ID #5367

THE FOLLOWING ARE CONDITIONS FOR S-1.

1. Daily throughput of refuse shall not exceed 1,500 tons in any consecutive 24 hour period.

CONDITION ID #5368

THE FOLLOWING ARE CONDITIONS FOR S-2

1. Building demolition debris shall not be accepted.
2. Wood wastes shall not be dumped outside of the wood shredder building.
3. Daily throughput of wood waste shall not exceed 110 tons in any consecutive 24 hour period

CONDITION ID #5369

THE FOLLOWING ARE CONDITIONS FOR S-3.

1. Building demolition debris shall not be processed.
2. The wood shredder shall be enclosed and operated within the wood shredder building at all times.
3. Daily throughput of wood waste shall not exceed 110 tons in any consecutive 24 hour period.

CONDITION ID #5370

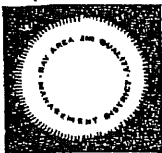
THE FOLLOWING IS CONDITION FOR S-5.

1. Daily throughput of wood waste shall not exceed 110 tons in any consecutive 24 hour period.

CONDITION ID #5371

THE FOLLOWING ARE CONDITIONS FOR S-6.

1. The screening operation shall be enclosed and abated by A-5 baghouse at all times.
2. The baghouse (A-5) shall be equipped with a District approved manometer for measuring the pressure drop across the baghouse.
3. Daily throughput of wood waste shall not exceed 110 tons in any consecutive 24 hour period.



**BAY AREA AIR QUALITY
MANAGEMENT DISTRICT**

939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

**PERMIT
TO OPERATE**

Plant# 5905

Page: 4

Expires: FEB 1, 2003

This document does not permit the holder to violate any District regulation or other law.

*** PERMIT CONDITIONS ***

=====

~~~~~ END OF CONDITIONS ~~~~~

| S#          | Source Description                        | Annual Average lbs/day |     |     |     |    |
|-------------|-------------------------------------------|------------------------|-----|-----|-----|----|
|             |                                           | PART                   | ORG | NOx | SO2 | CO |
| 1           | Solid waste transfer station              | 5.06                   | -   | -   | -   | -  |
| 2           | Wood waste unloading                      | .02                    | -   | -   | -   | -  |
| 3           | Wood Shredder                             | 1.78                   | -   | -   | -   | -  |
| 4           | Conveyor                                  | -                      | -   | -   | -   | -  |
| 5           | 2 Wood chip bunkers (feeding and loadout) | .08                    | -   | -   | -   | -  |
| 6           | Screening, single deck shaker type        | -                      | -   | -   | -   | -  |
| T O T A L S |                                           | 6.95                   |     |     |     |    |

***APPENDIX C***

**SMaRT Station Hazardous Waste Exclusion Program**

## EXHIBIT G

### Sunnyvale SMaRT Station Hazardous Waste Exclusion Program

#### SMaRT Station Profile

The SMaRT Station is a materials recovery facility designed to serve the cities of Sunnyvale, Palo Alto, and Mountain View, all of which are located on the southwestern portion of the San Francisco Bay within Santa Clara County. The City of Sunnyvale, where the facility will be located, has a population of 117,000 with a strong manufacturing base. The Cities of Palo Alto and Mountain View are located north of Sunnyvale as shown in Figure A-1.

#### Program Goal

The Hazardous Waste Exclusion Program for the Sunnyvale SMaRT Station is designed to detect and remove hazardous and other prohibited materials from solid waste entering the facility, thereby helping to protect the environment and the public from immediate and future health risks. The program will educate users of the SMaRT Station and the public about proper disposal of prohibited materials.

#### Prohibited Materials

The SMaRT Station is prohibited from accepting hazardous wastes and other designated wastes, such as liquid wastes. These wastes are prohibited because they possess flammable, combustible, toxic, corrosive, and/or reactive characteristics.

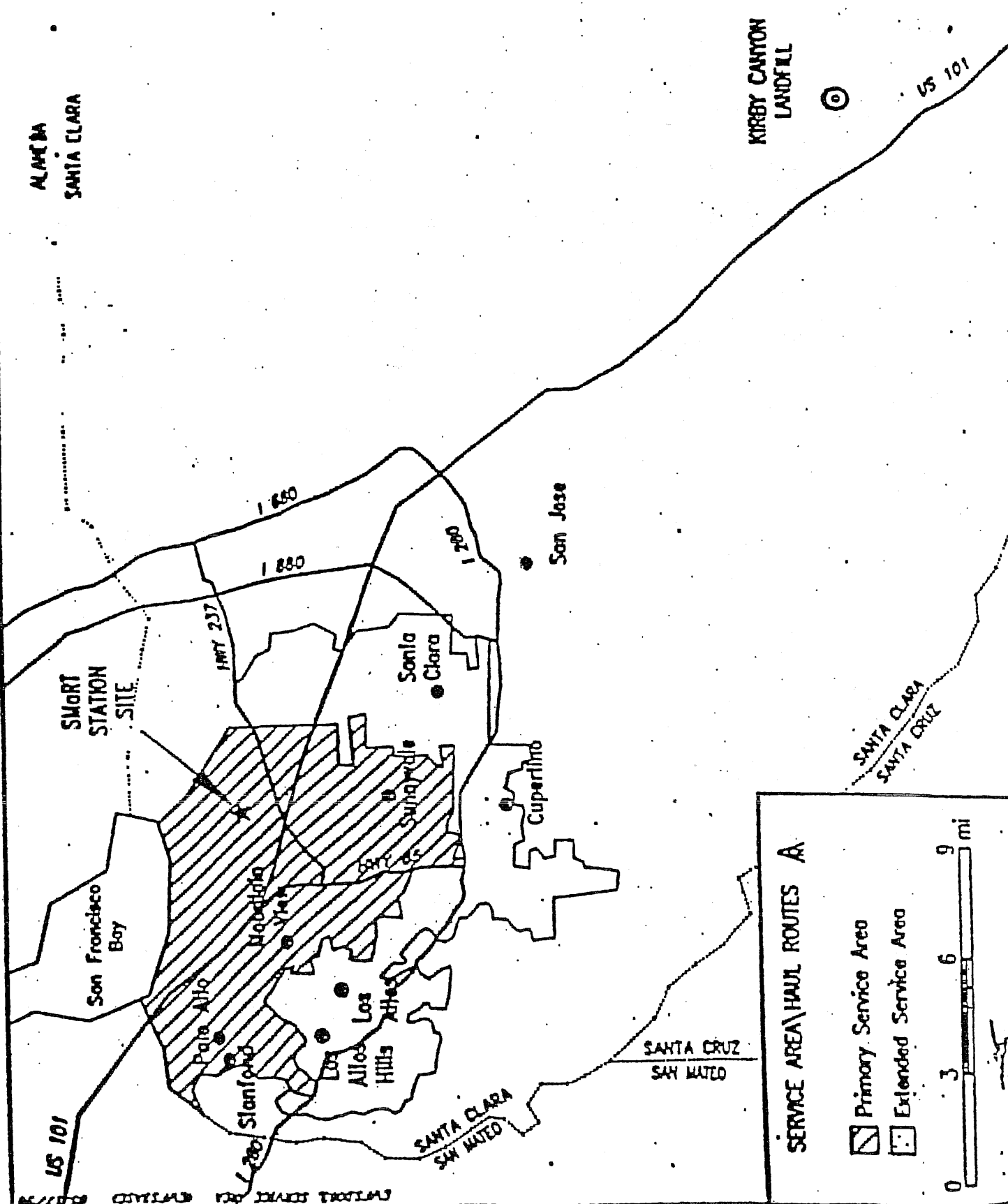
A representative list of prohibited material categories is presented in Attachment A. While this list is not exhaustive, it contains many of the unacceptable products commonly encountered at sanitary landfills, transfer stations and materials recovery facilities.

#### Public Information

Public information about the program will be distributed using two sources. The first will be through garbage bills and the second will be through information distributed at the SMaRT Station to its users. This information will explain the purpose of the program and how it works, list prohibited materials, and how to properly dispose of them.

Signs at the SMaRT Station will also be used to warn users that hazardous and other prohibited materials are not accepted. Figure A-2 is an example of the sign that will be posted at the entrance to the station.

Users will be notified that they retain responsibility for any hazardous or other prohibited materials detected in their loads.



## Load Checking Procedure

All handling, storage, and disposal of hazardous wastes will be in conformance with California Code of Regulations Title 22, Chapter 12, Section 6626.10, et al. The load checking program includes the routine questioning of drivers, random inspection of vehicle loads, and inspection of suspicious loads. Under this program, drivers will be questioned about the contents of their load as they enter the facility and during the load check. The list of questions which will be asked of each driver appears in Attachment B.

Random inspections will be performed on a variety of different vehicle types that enter the facility. Checks will also be performed on those vehicles which are more likely to contain prohibited materials, based on past experience, waste source, or suspicious behavior by the driver. A minimum of six formal load checks will be performed each week using the protocol described in Exhibit V. Two of the six vehicles will be of those transporting commercial waste, two will be of vehicles transporting industrial waste and one vehicle each of residential waste and publicly hauled waste. If staffing and the work level allow, the frequency of inspections will be increased.

Vehicle load inspections will be performed uniformly, whether the inspection is random or at the discretion of the toll collector. The inspection will be performed using the following procedure:

1. Explain to the driver that an inspection of the load will be required to determine if prohibited materials are present.
2. If the driver refuses, let him or her know that the solid waste cannot be dumped at the SMaRT Station unless he/she cooperates with the load checking program. If the driver chooses to leave, the vehicle license plate number and company name will be recorded in the log book.
3. The driver will be asked to dump the load into a windrow at a designated tipping area where the inspection will be performed. The load checking area will be separated from the regular tipping area.
4. The inspection will entail sifting through the waste with a rake or other hand held tools looking for the products contained in Attachment A. Two samples from the load will then be taken from the using the protocol described in Exhibit V. The vehicle type, material found in the load, and the name of the person performing the inspection will be recorded on the load checking data sheet in Attachment C.
5. If no prohibited materials are found, the driver will be thanked for his or her cooperation and allowed to leave.

# Entrance Sign

## **NO HAZARDOUS WASTES ACCEPTED AT THIS FACILITY**

HAZARDOUS WASTE INCLUDE:

PAINTS-SOLVENTS-PESTICIDES-ACID & CAUSTIC SOLUTIONS-GASOLINE  
EXPLOSIVES-PHOTOGRAPHIC & POOL CHEMICALS-COMPRESSED GAS,  
CYLINDERS-INK-PHARMACEUTICALS-RADIOACTIVES & INFECTIOUS WASTE

**ASK BEFORE YOU DUMP**

COMPANY NAME

**ALL LOADS SUBJECT  
TO INSPECTION FOR  
PROHIBITED WASTES**

WE THANK YOU

White Backgr

4" Red

1 1/2" Black

1" Black

2" Red

1 1/2" Black

4" Black

2" Black

46"

36"



6. If any prohibited material is identified during the load check, the driver will be informed that the materials are not accepted at the SMaRT Station, that the materials must be removed from the facility, and that arrangements for proper disposal must be made.
7. If prohibited materials are found, the inspector will, at a minimum, record the individual's name, license plate number, company name (if applicable) and type of waste found, in the log book. If the material is suspected to possess an immediate danger to employees, its users or the facility, the Public Safety Department's hazardous material response units and Santa Clara County's Office of Environmental Health will be notified of the situation immediately.
8. Hazardous materials and other prohibited materials found during load checking will be returned to the driver for removal from the site, or moved to the hazardous materials storage area. This decision will be made by the on-site supervisor.
9. After the load has been checked, the driver will be given a slip that has been signed by the inspector which must be returned to the toll booth.
10. In the event that an excessive amount of prohibited material is found in the load, or if the same user or generator has made repeated attempts to dispose of prohibited materials, the operator will notify the appropriate regulatory agencies about the incident(s). More stringent measures, such as civil or criminal penalties, will be pursued at the discretion of the City of Sunnyvale and/or the Station Operator.
11. A log for the loadcheck program will be retained on site for 18 months.

Equipment operators will also be trained to recognize possible illegal waste containers and push them to an area out of the disposal traffic pattern for further examination. Other employees who work in and around the public disposal area will be trained to recognize possible illegal waste containers and notify the load check team so that an inspection can be made. If any of the personnel observe unacceptable waste being unloaded, they will be trained to halt the unloading and summon the load check team for inspection of the load.

#### Storage of Prohibited Materials

The SMaRT Station is equipped with a hazardous material storage area which will be used for the temporary storage of prohibited materials recovered during the load check program. Caution will be used to make sure incompatible materials are not mixed together or stored next to each other. The storage area will be fenced and will be locked at all times unless an authorized SMaRT Station employee is present. Containers that will be used to store hazardous material will have secondary containment, security, ventilation, and fire resistant construction. Incompatible waste will be segregated and placed in separated storage partitions that are divided by double metal walls. This will

prevent acids, bases, and flammable from coming in contact with each other. Containers will have a flammable bay where a fire extinguisher will be kept.

Materials that are not removed by the user or generator, or are abandoned by an unknown generator, will be removed from the Station by a hazardous waste hauling firm retained by the operator to collect, transport and dispose of all prohibited material.

Hazardous materials collected at the SMaRT Station will be stored on the property for no longer than 90 days.

### Employee Training

All SMaRT Station employees will be required to attend a training program that teaches them how to detect, recognize, and handle hazardous and other prohibited materials. The program will also teach them about emergency procedures, how to use equipment safely, and how to use the SMaRT Station's communication system. All employees will attend an annual review of the training program.

The load checking program will be performed by SMaRT Station employees that have taken and passed a 40-hour CAL-OSHA hazardous material training course. The program teaches them how to recognize and handle hazardous material.

### SMaRT Station Record Keeping

The toll collector will maintain a log book on site to record all persons, companies, and vehicles that are found to bring hazardous, or other prohibited materials into the SMaRT Station. The license plate number, name, and company name of drivers who refuse to undergo load checking will also be recorded in the log book.

The information in the log book will be compiled into two lists that will be updated quarterly. The first will alphabetically list the names of all individuals and companies that either refused to undergo a load check or were carrying hazardous or other prohibited materials. The second list will contain the license plate numbers in numerical sequence of vehicles whose drivers either refused to undergo a load check or were carrying hazardous or prohibited waste. These lists will be a useful tools for identifying repeat violators and enforcing the Hazardous Waste Exclusion Program. The report will also include information regarding the amount and type of hazardous material that was collected and rejected at the facility. A copies of this information will be kept on site and will be sent to the Local Enforcement Agency for their records.

Records of employee training for hazardous material handling will also be retained at the SMaRT Station.

### Protective Equipment

Employees that perform load checks will wear protective clothing including Tyvek suits, orange safety vests, hard hats, gloves, protective goggles, respirators, and boots. After each load check Tyvek suits will be disposed and all other equipment will be

cleaned. The facility will keep mitigation equipment, such as brooms, shovels and absorbent, on site for use in an emergency.

### Emergency Plan with Governmental Agencies

A map of the SMaRT Station will be issued to the Sunnyvale Public Safety Department. The map will indicate where the hazardous material storage area is located, all roads to and inside the facility, and possible evacuation routes. The SMaRT Station will also have a map to the nearest hospital posted at the toll booth for use in the event of an emergency. An emergency evacuation plan for the facility will be modeled after the emergency evacuation plan that is being developed for the Sunnyvale Water Pollution Control Plant, which is located on an adjacent site. The emergency plan being developed for the Sunnyvale Water Pollution Control Plant is to guard against a possible leak of chlorine gas.

The SMaRT Station's emergency evacuation plan will be added as an addendum to this report when it is finalized.

### Program Review

Load check records and operating experience will be reviewed quarterly for two quarters, then semi-annually for one year, and annually thereafter. This review will focus on the following areas:

- Is the program working? Is less hazardous or designated material being found over time?
- Is the program being implemented in a safe manner?
- Do drivers tend to cooperate, and if no, why not?
- Have any behavior patterns emerged that could be used to improve the program. For example, do drivers who answer "no" to all questions tend to be carrying hazardous or designated materials more often than those who answer "yes"? These reviews will result in specific recommendations for changes in the program.
- Is more public education about the program needed?
- What types of waste are most commonly detected?
- What types of loads most commonly carry hazardous waste?
- How much waste has been rejected and at what is the cost per ton of rejected waste?

# Attachment A

## Generic Product Categories Potentially Containing Hazardous Waste

| <u>Product</u>                            | <u>Potential Hazardous Constituent</u> |
|-------------------------------------------|----------------------------------------|
| <b>Paints and Allied Products</b>         |                                        |
| Solvent-based paints                      | Solvents, heavy metals                 |
| Oil-based paints                          | Heavy metals                           |
| (Dried water-based paints are acceptable) |                                        |
| Thinner                                   | Solvents                               |
| Paints recoverers                         | Solvents                               |
| <b>Pesticides</b>                         | Solvents & toxic hydrocarbons          |
| Insecticides                              |                                        |
| Fungicides                                |                                        |
| Rodenticides                              |                                        |
| Herbicides                                |                                        |
| Molluscicides                             |                                        |
| <b>Automotive Products</b>                |                                        |
| Batteries                                 | Heavy metals, acids                    |
| Coolant                                   | Ethylene glycol                        |
| Lubricating oils                          | Solvents, heavy metals                 |
| Degreasers                                | Solvents                               |
| <b>Household Cleaners and Polishes</b>    |                                        |
| Cleaners                                  | Solvents, acids, bases                 |
| Drain openers                             | Solvents, acids, bases                 |
| Detergents                                | Solvents, bases                        |
| Polishes, waxes                           | Solvents, acids                        |
| <b>Glues and Solvents</b>                 |                                        |
| Glue                                      | Solvents                               |
| Solvents                                  | Solvents                               |
| <b>Treated Wood</b>                       | Pentachlorophenol, dioxins             |
| <b>Demolition Debris</b>                  |                                        |
| Floor Tile, linoleum                      | Asbestos                               |
| Roofing materials                         | Asbestos                               |
| Ripe/duct insulation                      | Asbestos                               |
| Ceiling tiles                             | Asbestos                               |
| <b>Excavated Soils</b>                    | Solvents, fuel oils                    |
|                                           | Pesticides, some metals                |




**Attachment B**  
**Hazardous Waste Exclusion Program Questions**

If a "yes" response is received to any of the following questions, the toll collector or inspector must determine the source of the load.

- 1) Are you carrying any paint, thinners or solvents?
- 2) Are you carrying any automotive waste oils, coolant fluid, or batteries?
- 3) Are you carrying any household cleaners, polishes, or waxes?
- 4) Are you carrying any pesticides, e.g. snail or slug bait, rat killer, insecticide, fungicide?
- 5) Are you carrying any treated wood or contaminated soil?
- 6) Are you carrying any floor tiles, pip/duct insulation, ceiling tiles, or roofing materials?
- 7) Are you carrying any medical waste? any "Red bag wastes" or any dead animals?

**Attachment C**  
**SMaRT Station Hazardous Waste Exclusion Program**

Date: \_\_\_\_\_ Sheet Control Number: \_\_\_\_\_

Type of Vehicle: \_\_\_\_\_ Vehicle License Plate No.: \_\_\_\_\_

Drivers Name: \_\_\_\_\_ Drivers License No.: \_\_\_\_\_

Transport Company: \_\_\_\_\_

Source(s) or Origin of Load: \_\_\_\_\_

Description of Material Checked

---

---

---

Prohibited Materials Found or Suspected

---

---

---

---

Course of Action Taken

---

---

---

\_\_\_\_\_  
Inspector's Signature and  
Identification Number





## WASTEWATER DISCHARGE PERMIT

**ISSUED TO:** SMaRT Station – Green Team  
301 Carl Road  
Sunnyvale, CA 94089

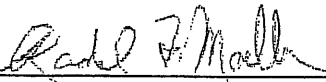
**EFFECTIVE DATE:** September 30, 2002

**EXPIRATION DATE:** September 30, 2003

The above named applicant is hereby authorized to discharge wastewater to the City of Sunnyvale sanitary sewer system subject to compliance with a) the Sunnyvale Municipal Code Title 12, b) any other applicable local, state, or federal regulations related to wastewater, c) operation of this facility in accordance with the current wastewater discharge permit application, and d) **if applicable, additional terms and conditions are included.**

The applicant shall report any changes (permanent or temporary) to the premises or operation that may significantly change the quality or volume of the wastewater discharge, or any change in ownership of the facility.

This permit may be revoked prior to the expiration date if found to have been obtained through submittal of false information or if there is unapproved deviation from the terms and conditions under which it has been granted. This permit is issued solely to the facility named above for the operations and ownership in effect at the time of the application and is not transferable.

  
\_\_\_\_\_  
Randal F. Moeller  
Industrial Waste Inspector

## CONDITIONS

### A. DISCHARGE LIMITS

The following **LOCAL** wastewater discharge limits apply to your facility:

| <u>Parameter</u>                                                      | <u>Maximum Allowable<br/>Limit<sup>1</sup></u> |
|-----------------------------------------------------------------------|------------------------------------------------|
| Antimony                                                              | 1.0 mg/L                                       |
| Arsenic                                                               | 0.3 mg/L                                       |
| Barium                                                                | 1.0 mg/L                                       |
| Beryllium                                                             | 0.5 mg/L                                       |
| Cadmium                                                               | 0.1 mg/L                                       |
| Chlorinated Hydrocarbons used for control<br>of plants, insects, etc. | 0.02 mg/L                                      |
| Chromium, total                                                       | 1.7 mg/L                                       |
| Closed Cup Flashpoint                                                 | 140.°F                                         |
| Cobalt                                                                | 1.0 mg/L                                       |
| Copper                                                                | 0.7 mg/L (grab)<br>0.5 mg/L (comp)             |
| Cresols                                                               | 2.0 mg/L                                       |
| Cyanides                                                              | 0.5 mg/L                                       |
| Lead                                                                  | 0.5 mg/L                                       |
| Mercury                                                               | 0.01 mg/L                                      |
| Nickel                                                                | 0.5 mg/L (grab)<br>0.25 mg/L (comp)            |
| Oil/Grease, petroleum origin                                          | 100.0 mg/L                                     |
| Oil/Grease, animal/vegetable origin                                   | 300.0 mg/L                                     |
| pH                                                                    | 6 to 10.5                                      |
| Phenol                                                                | 1.0 mg/L                                       |
| Selenium                                                              | 1.0 mg/L                                       |
| Silver                                                                | 0.2 mg/L                                       |
| Temperature                                                           | 140.°F                                         |
| Total Toxic Organics                                                  | 1.0 mg/L                                       |
| Zinc                                                                  | 1.48 mg/L                                      |

<sup>1</sup>Applicable to samples collected either grab or composite, except where otherwise noted.

  
IW Inspector




## CONDITIONS

### B. SELF MONITORING REQUIREMENTS

1. Wastewater hauling manifest/records must be kept on site. The records must indicate the origin of the wastewater, the volume of waste hauled, the date and the hauler.

### C. REPORTING REQUIREMENTS

1. The SMaRT Station is not currently discharging process wastewater to the sanitary sewer, and the Zero Discharge Certificate is in effect until **September 30, 2003**. A compliance plan and schedule must be submitted to the Pretreatment Program six (6) months prior to resuming any discharging of process wastewater to the sanitary system.
2. In order to renew this permit a new wastewater discharge permit application must be submitted by **July 30, 2003**. A blank application will be sent to you far enough in advance to allow for this requirement.

  
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IW Inspector